

**NATIONAL TRANSPORTATION SAFETY BOARD
PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT**

This form to be used for reporting civil and public use aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Odessa</u> State: <u>Texas</u> ZIP: <u>79766</u> Country: <u>United States</u> Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)		Date/Time Date: <u>03/29/2022</u> Local Time: <u>6:45 PM</u> <i>mm/dd/yyyy</i> Time Zone: <u>Central</u>	
Phase of Operation <input type="checkbox"/> Standing <input type="checkbox"/> Takeoff (incl. initial climb) <input type="checkbox"/> Cruise <input type="checkbox"/> Hover <input type="checkbox"/> Taxi <input type="checkbox"/> Climb <input type="checkbox"/> Maneuvering <input type="checkbox"/> Other <input checked="" type="checkbox"/> Descent <input type="checkbox"/> Landing <input checked="" type="checkbox"/> Approach <input type="checkbox"/> Unknown		Collision with Other Aircraft <input type="checkbox"/> Midair <input type="checkbox"/> On-ground <input checked="" type="checkbox"/> None	Altitude of In-Flight Occurrence <p align="center"><u>5,000</u> ft MSL</p>

AIRCRAFT INFORMATION

Manufacturer: <u>Beechcraft</u> Model: <u>B200</u> Serial Number: <u>1036</u> Registration Number: <u>N469SL</u> Amateur-built: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Max Gross Weight: <u>12,500</u> lbs Weight at Time of Accident/Incident: <u>11,651</u> lbs Location of Center of Gravity at Time of Accident/Incident: <u>186.6</u> inches from <input type="checkbox"/> nose or <input checked="" type="checkbox"/> datum -or- _____ Percent Mean Aerodynamic Cord (% MAC)
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Category of Aircraft <input checked="" type="checkbox"/> Airplane <input type="checkbox"/> Balloon <input type="checkbox"/> Blimp/Dirigible <input type="checkbox"/> Glider <input type="checkbox"/> Gyrocraft <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered lift <input type="checkbox"/> Ultralight <input type="checkbox"/> Unknown	Type of Airworthiness Certificate <i>(Check all that apply)</i> Standard <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Utility <input type="checkbox"/> Acrobatic <input type="checkbox"/> Transport Special <input type="checkbox"/> Restricted <input type="checkbox"/> Limited <input type="checkbox"/> Provisional <input type="checkbox"/> Experimental <input type="checkbox"/> Special Flight <input type="checkbox"/> Light Sport	Number of Seats: <u>10</u> If Large Aircraft, how many seats for: Flight Crew: _____ Cabin Crew: _____ Passengers: _____	Landing Gear <input checked="" type="checkbox"/> Retractable Check any additional landing gear configuration that applies: <input checked="" type="checkbox"/> Tricycle <input type="checkbox"/> Tailwheel <input type="checkbox"/> Amphibian <input type="checkbox"/> High Skid <input type="checkbox"/> Emergency Float <input type="checkbox"/> Skid <input type="checkbox"/> Float <input type="checkbox"/> Ski <input type="checkbox"/> Hull <input type="checkbox"/> Ski/Wheel <input type="checkbox"/> Unknown
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Type of Maintenance Program <input type="checkbox"/> Annual <input type="checkbox"/> Conditional (Amateur-built only) <input checked="" type="checkbox"/> Manufacturer's Inspection Program <input type="checkbox"/> Other Approved Inspection Program (AAIP) <input type="checkbox"/> Continuous Airworthiness <input type="checkbox"/> Other, specify: _____	Last Inspection Type <input type="checkbox"/> 100 Hour <input checked="" type="checkbox"/> Continuous Airworthiness <input type="checkbox"/> AAIP <input type="checkbox"/> Conditional Inspection <input type="checkbox"/> Annual <input type="checkbox"/> Unknown	Date Last Inspection: <u>09/14/2021</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>9,044</u> hrs hours measured at (check one) <input checked="" type="checkbox"/> Last Inspection <input type="checkbox"/> Time of Accident/Incident
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IFR Equipped <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Stall Warning System Installed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Type of Fire Extinguishing System <input type="checkbox"/> None <input checked="" type="checkbox"/> Specify <u>Portable Fire Extinguisher in Cabin</u>
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ELT Installed ELT Activated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ELT Manufacturer: <u>Artex</u> Model/Series: <u>ME406, 453-6603</u> Serial Number: <u>05396</u> Battery Type: <u>Lithium</u> Battery Exp. Date: <u>2/2026</u>
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Engine Type <input type="checkbox"/> Reciprocating <input type="checkbox"/> Turbo Jet <input type="checkbox"/> Turbo Shaft <input type="checkbox"/> Turbo Fan <input checked="" type="checkbox"/> Turbo Prop <input type="checkbox"/> Unknown	Reciprocating Fuel System Type <input type="checkbox"/> Carburetor <input type="checkbox"/> Fuel Injected	Propeller <input type="checkbox"/> Fixed Pitch <input checked="" type="checkbox"/> Controllable Pitch Manufacturer: <u>Hartzell</u> Model: <u>19BC-61-52-1H</u>
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Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Engine Rated Power Measured as (check one) <input checked="" type="checkbox"/> Horsepower or <input type="checkbox"/> lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng 1	Pratt and Whitney	PT6A-52	PXE-RX0167	10/22/2008	850	2,383	480	2,383
Eng 2	Pratt and Whitney	PT6A-52	PXE-RX0168	10/21/2008	850	2,383	480	2,383
Eng 3								
Eng 4								

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner Name: <u>Vole Enterprises LLC</u> Fractional Ownership Aircraft: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Owner Address City: <u>Killeen</u> State: <u>Texas</u> ZIP: <u>76547</u> Country: <u>United States</u>
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Operator of Aircraft <input type="checkbox"/> Same As Registered Owner Name: <u>Integrated Pain Associates, PLLC</u> Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____	Operator Address <input type="checkbox"/> Same As Registered Owner City: <u>Killeen</u> State: <u>Texas</u> ZIP: <u>76547</u> Country: <u>United States</u>
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Regulation Flight Conducted Under <input checked="" type="checkbox"/> FAR 91 <input type="checkbox"/> FAR 129 <input type="checkbox"/> FAR 91 Special Flight <input type="checkbox"/> Public Use (select type) <input type="checkbox"/> FAR 103 <input type="checkbox"/> FAR 133 <input type="checkbox"/> Non-US, Commercial <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local <input type="checkbox"/> FAR 121 <input type="checkbox"/> FAR 135 <input type="checkbox"/> Non-US, Non-commercial <input type="checkbox"/> Unknown <input type="checkbox"/> FAR 125 <input type="checkbox"/> FAR 137 <input type="checkbox"/> Armed Forces	Revenue Sightseeing Flight <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Air Medical Flight <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Purpose of Flight for FAR 91, 103, 133, 137 (Select one) <input type="checkbox"/> Personal <input checked="" type="checkbox"/> Business <input type="checkbox"/> Executive/Corporate <input type="checkbox"/> Other Work Use <input type="checkbox"/> Instructional <input type="checkbox"/> Ferry <input type="checkbox"/> Positioning <input type="checkbox"/> Aerial Application <input type="checkbox"/> Aerial Observation <input type="checkbox"/> Air Drop <input type="checkbox"/> Air Race / Show <input type="checkbox"/> Flight Test <input type="checkbox"/> Public Use <input type="checkbox"/> Unknown	Revenue Operation for FAR 121, 125, 129, 135 (Select one) <input type="checkbox"/> Scheduled or Commuter <input type="checkbox"/> Non-Scheduled or Air Taxi Domestic or International <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> International Cargo Operation <input type="checkbox"/> Passenger/Cargo <input type="checkbox"/> Passenger _____ How many? <input type="checkbox"/> Cargo _____ lbs <input type="checkbox"/> Mail	Type of Commercial Operating Certificate Held (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Flag Carrier Operating Certificate (121) <input type="checkbox"/> Supplemental <input type="checkbox"/> Air Cargo <input type="checkbox"/> Foreign Air Carriers (129) <input type="checkbox"/> Commuter Air Carrier (135) <input type="checkbox"/> On-Demand Air Taxi (135) <input type="checkbox"/> Large Helicopter (127) <input type="checkbox"/> Rotorcraft External Load (133) - or - <input type="checkbox"/> Agricultural Aircraft (137) <input type="checkbox"/> Other Operator of Large Aircraft
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OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)

Aircraft Registration Number _____	Manufacturer: _____ Model: _____	Damage to Other Aircraft <input type="checkbox"/> Destroyed <input type="checkbox"/> Minor <input type="checkbox"/> Substantial <input type="checkbox"/> None
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Registered Owner of Other Aircraft

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____

Pilot of Other Aircraft

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)

Was there Mechanical Malfunction/Failure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.) 	Total Time/Cycles On Part _____ Hours _____ Cycles Time Since This Part Inspected/Overhauled _____ Hours
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DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage <input checked="" type="checkbox"/> None <input type="checkbox"/> Substantial <input type="checkbox"/> Minor <input type="checkbox"/> Destroyed	Aircraft Fire <input checked="" type="checkbox"/> None <input type="checkbox"/> Both Ground and In-Flight <input type="checkbox"/> In-Flight <input type="checkbox"/> Unknown Origin <input type="checkbox"/> On-Ground	Aircraft Explosion <input checked="" type="checkbox"/> None <input type="checkbox"/> Both Ground and In-Flight <input type="checkbox"/> In-Flight <input type="checkbox"/> Unknown Origin <input type="checkbox"/> On-Ground
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Description of Damage to Aircraft and Other Property (use additional sheet if necessary)

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)

Airport Identifier: KODO Distance From Airport Center: 12 SM
 Airport Name: Odessa Schlemeyer Direction From Airport: 110 degrees MAG
 Proximity to Airport Off Airport/Airstrip On Airport On Airstrip Airport Elevation: 3,004 ft. MSL

Approach Segment (Select one)
 On Instrument Approach Landing Base leg Final Go Around
 Crosswind Downwind Low Approach Aborted Landing (after touchdown)

IFR Approach (Check all that apply)		VFR Approach (Check all that apply)	
<input type="checkbox"/> None	<input type="checkbox"/> PAR	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Stop and Go
<input type="checkbox"/> ADF/NDB	<input type="checkbox"/> Sideslip	<input type="checkbox"/> Traffic Pattern	<input type="checkbox"/> Touch and Go
<input type="checkbox"/> SDF	<input type="checkbox"/> ILS	<input type="checkbox"/> Straight-In	<input type="checkbox"/> Simulated Forced Landing
<input type="checkbox"/> VOR/TVOR	<input type="checkbox"/> Localizer Only	<input type="checkbox"/> Valley/Terrain Following	<input type="checkbox"/> Forced Landing
<input type="checkbox"/> VOR/DME	<input type="checkbox"/> LOC-back course	<input type="checkbox"/> Go Around	<input type="checkbox"/> Precautionary Landing
<input type="checkbox"/> TACAN	<input checked="" type="checkbox"/> RNAV	<input type="checkbox"/> Full Stop	<input type="checkbox"/> Unknown
<input type="checkbox"/> MLS	<input type="checkbox"/> Practice		
<input type="checkbox"/> LDA	<input checked="" type="checkbox"/> GPS		
<input type="checkbox"/> ASR	<input type="checkbox"/> Loran		
<input type="checkbox"/> Visual	<input type="checkbox"/> Unknown		
<input type="checkbox"/> Contact			
<input type="checkbox"/> Circling			

Runway Information	Condition of Runway/Landing Surface (Check all that apply)
Runway ID: <u>29</u> (L/R/C) Length: <u>6,200</u> ft Width: <u>100</u> ft	<input checked="" type="checkbox"/> Dry <input type="checkbox"/> Snow-Compacted <input type="checkbox"/> Water-Calm
Runway/Landing Surface (Check all that apply)	<input type="checkbox"/> Holes <input type="checkbox"/> Snow-Crusted <input type="checkbox"/> Water-Choppy
<input checked="" type="checkbox"/> Asphalt <input type="checkbox"/> Grass/Turf <input type="checkbox"/> Macadam <input type="checkbox"/> Water	<input type="checkbox"/> Ice Covered <input type="checkbox"/> Snow-Dry <input type="checkbox"/> Water-Glassy
<input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Metal/Wood <input type="checkbox"/> Unknown	<input type="checkbox"/> Rough <input type="checkbox"/> Snow-Wet <input type="checkbox"/> Wet
<input type="checkbox"/> Dirt <input type="checkbox"/> Ice <input type="checkbox"/> Snow	<input type="checkbox"/> Rubber Deposits <input type="checkbox"/> Soft <input type="checkbox"/> Unknown
	<input type="checkbox"/> Slush Covered <input type="checkbox"/> Vegetation

FLIGHT ITINERARY INFORMATION

Last Departure Point	Time of Departure	Destination	Type Flight Plan Filed
Airport ID: <u>KTPL</u>	Time: <u>5:41 PM</u>	Airport ID: <u>KODO</u>	<input type="checkbox"/> None <input type="checkbox"/> VFR/IFR
City: <u>Temple</u>	Time Zone: <u>Central</u>	City: <u>Odessa</u>	<input type="checkbox"/> Company VFR <input checked="" type="checkbox"/> IFR
State: <u>Texas</u>		State: <u>Texas</u>	<input type="checkbox"/> Military VFR <input type="checkbox"/> Unknown
Country: <u>United States</u>		Country: <u>United States</u>	<input type="checkbox"/> VFR
			Activated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Type of ATC Clearance/Service (Check all that apply)
 None Special VFR Special IFR VFR Flight Following Cruise
 VFR IFR VFR On Top Traffic Advisory Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)
 Class A Class E Prohibited Area Jet Training Area Special
 Class B Class G Restricted Area TRSA Air Traffic Control Area
 Class C Demo Area Military Operations Area (MOA) FAR 93 Unknown
 Class D Warning Area Airport Advisory Area

Aircraft Load Description (Check all that apply)
 None Towing Glider Parachutists Livestock
 Passengers Towing Banner Water Unknown
 Cargo Other External Chemical/Fertilizer/Seeds

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff (convert from pounds, as necessary)	Fuel Type
<u>358</u> Gallons	<input type="checkbox"/> 80/87 <input type="checkbox"/> 115/145 <input type="checkbox"/> JP3
	<input type="checkbox"/> 100 Low Lead <input checked="" type="checkbox"/> Jet A <input type="checkbox"/> JP4
	<input type="checkbox"/> 100/130 <input type="checkbox"/> Automotive <input type="checkbox"/> JP5
	<input type="checkbox"/> Other, specify _____

Other Services, if Any, Prior to Departure
 Fuel Service. Requested top off of main tanks and was completed. Fuel load verified before departure.

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? Yes No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ NM Direction from Accident Site: _____ degrees MAG	Source of Weather Information <i>(Check all that apply)</i> <input type="checkbox"/> National Weather Service <input type="checkbox"/> Company <input type="checkbox"/> Flight Service Station <input type="checkbox"/> Military <input type="checkbox"/> TV/Radio <input checked="" type="checkbox"/> Internet <input checked="" type="checkbox"/> Automated Report <input type="checkbox"/> Unknown <input type="checkbox"/> Commercial Weather Service (DUATS)	Method of Briefing <i>(Check all that apply)</i> <input type="checkbox"/> In Person <input type="checkbox"/> Teletype <input checked="" type="checkbox"/> Telephone/Computer <input type="checkbox"/> Aircraft Radio <input type="checkbox"/> TV/Radio <input type="checkbox"/> Unknown
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Briefing Type/Completeness <input checked="" type="checkbox"/> Full <input type="checkbox"/> Abbreviated <input type="checkbox"/> Partial / Limited By Pilot <input type="checkbox"/> Unknown <input type="checkbox"/> Partial / Limited By Briefer <input type="checkbox"/> Not Pertinent	Light Condition <input type="checkbox"/> Dawn <input type="checkbox"/> Dusk <input type="checkbox"/> Dark Night <input checked="" type="checkbox"/> Day <input type="checkbox"/> Night <input type="checkbox"/> Bright Night <input type="checkbox"/> Not Reported	Visibility _____ 3 miles
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Sky/Lowest Cloud Condition <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Thin Broken <input type="checkbox"/> Few <input type="checkbox"/> Thin Overcast <input type="checkbox"/> Partial Obscuration <input type="checkbox"/> Unknown <input type="checkbox"/> Scattered	Ceiling <input checked="" type="checkbox"/> None (clear) <input type="checkbox"/> Obscured <input type="checkbox"/> Broken <input type="checkbox"/> Indefinite <input type="checkbox"/> Overcast <input type="checkbox"/> Unknown	Restriction to Visibility <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Fog <input checked="" type="checkbox"/> Blowing Dust <input type="checkbox"/> Ground Fog <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Haze <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke <input type="checkbox"/> Dust <input type="checkbox"/> Unknown
Lowest Cloud Condition Height _____ ft AGL	Ceiling Height _____ ft AGL	

Wind Direction <input type="checkbox"/> Indicated: _____ 220 degrees MAG <input type="checkbox"/> Variable	Wind Speed Velocity: _____ 8 KTS -or- <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable	Wind Gusts Velocity: _____ 26 KTS <input type="checkbox"/> Gusting <input type="checkbox"/> Not Gusting	Type of Turbulence <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> In Clouds <input checked="" type="checkbox"/> Clear Air <input type="checkbox"/> Vicinity of Thunderstorm Severity of Turbulence <input type="checkbox"/> Extreme <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Light <input checked="" type="checkbox"/> Severe <input type="checkbox"/> Moderate Chop
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NOTAMs (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident
 Airmet T: Moderate Turbulence below 12000
 Airmet: High Surface Winds

Temperature: _____ 31 (C) or _____ (F) Altimeter Setting: _____ 29.58 in. HG or _____ MB Density Altitude: _____ 5,952 ft Dew Point: _____ 02 (C) or _____ (F)	Icing Forecast Amount Type <input checked="" type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Rime <input type="checkbox"/> Trace <input type="checkbox"/> Severe <input type="checkbox"/> Clear <input type="checkbox"/> Light <input type="checkbox"/> Mixed Icing Actual Amount Type <input checked="" type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Rime <input type="checkbox"/> Trace <input type="checkbox"/> Severe <input type="checkbox"/> Clear <input type="checkbox"/> Light <input type="checkbox"/> Mixed	Type of Precipitation <i>(Check all that apply)</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Snow Shower <input type="checkbox"/> Freezing Drizzle Intensity of Precipitation <input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy
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PILOT "A" INFORMATION

Pilot "A" Responsibilities at the Time of Accident/Incident

Pilot
 Co-Pilot
 Student Pilot
 Flight Instructor
 Check Pilot
 Flight Engineer
 Other Flight Crew

Pilot "A" Identification

First Name: Kellen City: Round Rock
 Middle Initial: Ray State: Texas ZIP: 78665
 Last Name: Martin Country: United States

Age at time of Accident/Incident: 31 Date of Birth: [REDACTED] Certificate Number: [REDACTED] +
mm/dd/yyyy

Degree of Injury <input checked="" type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious	Seat Occupied <input checked="" type="checkbox"/> Left <input checked="" type="checkbox"/> Front <input type="checkbox"/> Unknown <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single	Seat Belt Used <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Available <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Shoulder Harness Used <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Available <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Pilot Certificate(s) (Check all that apply)

None Student Recreational Commercial Flight Engineer Foreign
 Private Flight Instructor Sport Airline Transport U.S. Military

Principal Occupation <input checked="" type="checkbox"/> Pilot <input type="checkbox"/> Other <input type="checkbox"/> Unknown	Medical Certificate <input type="checkbox"/> None <input type="checkbox"/> Class 3 <input checked="" type="checkbox"/> Class 1 <input type="checkbox"/> Driver's License (Sport Pilot only) <input type="checkbox"/> Class 2 <input type="checkbox"/> Unknown	Medical Certificate Validity <input checked="" type="checkbox"/> Without limitations/waivers <input type="checkbox"/> With limitations/waivers <input type="checkbox"/> Unknown	Date of Last Medical <u>08/02/2021</u> <small>mm/dd/yyyy</small>
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Medical Certificate Limitations

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

5/20/2021
mm/dd/yyyy

Flight Review Aircraft

Make: Cessna
 Model: C172

Airplane Rating(s) <small>(Check all that apply)</small> <input type="checkbox"/> None <input checked="" type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input checked="" type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	Other Aircraft Rating(s) <small>(Check all that apply)</small> <input checked="" type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Free Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instrument Rating(s) <small>(Check all that apply)</small> <input type="checkbox"/> None <input checked="" type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) <small>(Check all that apply)</small> <input type="checkbox"/> None <input checked="" type="checkbox"/> Airplane Single-Engine <input checked="" type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <input checked="" type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport
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Type Ratings

Student Endorsements (Include dates)

Flight Time (enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	4,000	1,300	2,200	1,800	300	500				
Pilot in Command (PIC)	3,800	1,300	2,000	1,750	290	500				
Time as Instructor	2,000	0	1,700	700	200	250				
This Make/Model					50	100				
Last 90 Days	100	90	10	90	0	10				
Last 30 Days	50	45	2	45	0	5				
Last 24 Hours	4	4	0	4	0	0				

PILOT "B" INFORMATION

Pilot "B" Responsibilities at the Time of Accident/Incident

Pilot
 Co-Pilot
 Student Pilot
 Flight Instructor
 Check Pilot
 Flight Engineer
 Other Flight Crew

Pilot "B" Identification

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____
 Age at time of Accident/Incident: _____ Date of Birth: _____ Certificate Number: _____
mm/dd/yyyy

Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious	Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Unknown <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single	Seat Belt Used <input type="checkbox"/> Yes <input type="checkbox"/> No Available <input type="checkbox"/> Yes <input type="checkbox"/> No	Shoulder Harness Used <input type="checkbox"/> Yes <input type="checkbox"/> No Available <input type="checkbox"/> Yes <input type="checkbox"/> No
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Pilot Certificate(s) *(Check all that apply)*

None Student Recreational Commercial Flight Engineer Foreign
 Private Flight Instructor Sport Airline Transport U.S. Military

Principal Occupation <input type="checkbox"/> Pilot <input type="checkbox"/> Other <input type="checkbox"/> Unknown	Medical Certificate <input type="checkbox"/> None <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 1 <input type="checkbox"/> Driver's License (Sport Pilot only) <input type="checkbox"/> Class 2 <input type="checkbox"/> Unknown	Medical Certificate Validity <input type="checkbox"/> Without limitations/waivers <input type="checkbox"/> With limitations/waivers <input type="checkbox"/> Unknown	Date of Last Medical _____ <i>mm/dd/yyyy</i>
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Medical Certificate Limitations

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ <i>mm/dd/yyyy</i>	Flight Review Aircraft Make: _____ Model: _____
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Airplane Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	Other Aircraft Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Free Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instrument Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Helicopter <input type="checkbox"/> Gyroplane <input type="checkbox"/> Glider <input type="checkbox"/> Powered Lift <input type="checkbox"/> Sport
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Type Ratings	Student Endorsements <i>(Include dates)</i>
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Flight Time <i>(enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)

Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____	Country: _____	

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign <input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military		

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
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Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____	Country: _____	

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign <input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military		

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
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Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____	Country: _____	

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign <input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military		

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
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PASSENGER(S) / OTHER PERSONNEL (Include flight attendants; continue on separate sheet if necessary)

Name and Address	Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: <u>Scott</u> City: <u>Temple</u> Middle Initial: _____ State: <u>Texas</u> ZIP: <u>76502</u> Last Name: <u>Irvine</u> Country: <u>United States</u>	<u>RFW</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: <u>Kylie</u> City: <u>Copperas Cove</u> Middle Initial: _____ State: <u>Texas</u> ZIP: <u>76522</u> Last Name: <u>Payne</u> Country: <u>United States</u>	<u>LFWL</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Name: <u>Alicia</u> City: <u>Killeen</u> Middle Initial: _____ State: <u>Texas</u> ZIP: <u>76542</u> Last Name: <u>Snead</u> Country: <u>United States</u>	<u>AFT</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Name: <u>Hermelinda</u> City: <u>Fort Hood</u> Middle Initial: _____ State: <u>Texas</u> ZIP: <u>76544</u> Last Name: <u>Morales</u> Country: <u>United States</u>	<u>L AFT</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Name: <u>Lisa</u> City: <u>Killeen</u> Middle Initial: _____ State: <u>Texas</u> ZIP: <u>76542</u> Last Name: <u>Resendez</u> Country: <u>United States</u>	<u>L AF</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State time and point of departure, intended destination, and services obtained.

Departure: 5:41 PM, KTPL

Arrival: KODO

IFR flight plan filed, briefed and activated.

Prior to departure, Passengers were briefed on weather being turbulent on the flight and advised on seatbelt usage. Briefing showed Airmet T for Moderate Turbulence below 12,000 as well as an Airmet for High Winds. Briefing obtained through Foreflight and crossreferenced for additional data and verification through aviationweather.gov.

Departure, climb and cruise normal.

Prior to descent, weather at destination was checked via KODO AWOS. Noted winds were gusty and cross referenced with KMAF METAR. Continued to monitor weather multiple times via KODO AWOS. Inflight Visibility was 3-5 NM due to dust. Checked in for additional weather updates along flight and during descent with Midland Approach. LLWS was noted at +30 knots at KMAF 15 minutes prior to arrival at KODO. No LLWS alerts or information available at KODO. Planning for go around or missed approach was initiated and briefed in case of windshear during low approach and landing phase.

During Descent, passengers were verbally told by PIC to make sure they had their seatbelts on and in cabin seatbelt sign was activated again to provide aural and visual warning as reinforcement of need for seatbelts.

Approach request was initiated to Midland approach. RNAV 29 Approach initiated from JEMBI intersection. Approach was loaded and activated in GPS and flown via Autopilot. Prior to interception of JEMBI, Airspeed was reduced to APX 160 knots and 50% flaps were applied.

On course to JEMBI, during descent through APX 6000 feet MSL, light to barely moderate turbulence was noticed. Autopilot function appropriately maintaining course and descent. During turn from course to Jembi to final approach course, turbulence increased to consistent moderate at apx 5000 feet. During turn, autopilot guidance bars (magenta V bars) were showing a pitch down and left bank while Attitude indicator bars were relatively level indicating that an unexpected atmospheric change was occurring. Upon seeing misalignment, power was reduced in an effort to help assist with descent and ensure airspeed was below VA of 180 knots. Speed was noted at apx 160 knots. At Apx. 5000 feet during the turn from JEMBI we were hit by a sudden pocket of severe turbulence resulting in the loss of apx 300 feet, dislodging baggage and straining passengers against seatbelts. Effect of the turbulence is best described as driving off a curb in a car at apx 10mph. Severe turbulence lasted for one second.

Aircraft was removed from autopilot after the severe turbulence and hand flown to reestablish aircraft on the approach and continued on for a normal landing.

Upon landing, one passenger complained of neck pain and was later determined to have not had a seatbelt on causing him to hit his head on the ceiling of the cabin. Xrays later revealed a fracture to odontoid, C1 and C2. Accident report was then initiated.

Aircraft was inspected by PIC with guidance from Maintenance Facility for damage. No damage found. Further inspection completed by Maintenance Facility in accordance with manufacturer recommendations. No damage found.

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

For Pilot:

Will provide additional instructions for seatbelt use.

For Passengers:


Seatbelts to be used in all phases of flight.

Operations changes disseminated to all company employees traveling on aircraft.

ADDITIONAL INFORMATION (Please type or print in ink)

Use this space if additional space is needed for any answers.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report <u>04/07/2022</u> <i>mm/dd/yyyy</i>	Signature and Name of Pilot/Operator Signature:  Type or Print Name: <u>Kellen Martin</u>
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Signature and Name of Person Filing Report if Other than Pilot/Operator
Signature: _____
Type or Print Name: _____
Title: _____

FOR NTSB USE ONLY

NTSB Accident/Incident No. CEN22LA166	Reviewed by NTSB Regional Office CEN - Central Regional Office	Name of Investigator Michael J. Hodges	Date Report Received 04/07/2022
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